

*PC#3*



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT OPERATIONS

Art Unit: (Examiner )  
 Applicants: OELMAIER et al.  
 Serial No: 09/787,065  
 Filed: March 12, 2001  
 Title: DEVICE FOR SUPPLYING OUTPUT DATA IN REACTION TO INPUT  
 DATA AND METHOD FOR CHECKING AUTHENTICITY AND  
 METHOD FOR ENCRYPTED DATA TRANSMISSION  
 Charlotte, North Carolina  
 May 16, 2001

Honorable Commissioner of Patents and Trademarks  
 Washington, D. C. 20231

Dear Sir:

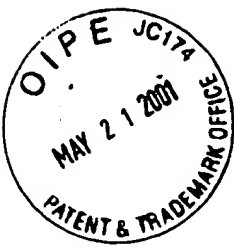
CERTIFICATE OF MAILING

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner of Patent and Trademarks, Washington, D.C. 20231, on: May 16, 2001

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 Tel: 704/366-6642

May 16, 2001  
 Date

Docket 3118



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**SUPPLEMENT TO FORM SB/08A & 08B**

**INFORMATION DISCLOSURE CITATION EXPLAINING  
THE RELEVANCE OF EACH OF THE NON-ENGLISH REFERENCES CITED IN THE  
NATIONAL GERMAN AND INTERNATIONAL EXAMINATION PROCEEDINGS**

1. DE 0 313 967 (corresponds to US 5,818,738)
2. W. Rankl & W. Effing: "Handbuch der Chipkarten"
3. DE 0 654 919 A2



INFORMATION DISCLOSURE STATEMENT  
REMARKS

The attached PTO Form PTO/SB/08A/08B is incorporated as part of the Information Disclosure Statement. A copy of each cited document is enclosed herewith.

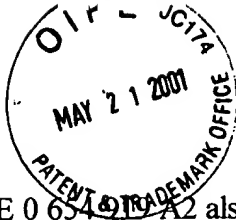
Applicants submit herewith patents, publications, or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is "prior art" for this invention unless specifically designed as such.

In accordance with 37 CFR 1.97(b), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

1) DE 0 313 967 (corresponds to US 5,818,738). Teaches a method for testing the authenticity of data carriers having integrated circuits, memory and logic means to determine physical properties of each circuit that are distinctive of this circuit and use them to obtain data characteristic of each circuit. According to the present invention, one preferably evaluates the different programming times of the memory cells of an E<sup>2</sup>PROM memory, an evaluation which can be determined by various methods and processed as distinctive characteristics. Other individual properties that can be utilized are, for example, distinctive features of a memory input.

2) W. Rankl & W. Effing: "Handbuch der Chipkarten". The technical publication by Rankl and Effing relates to authentication methods. It is the purpose of authentication to check the identity and authenticity of a communication partner. Please note that this reference only relates to authentication methods, rather than to an apparatus device for supplying output data in response to input data the apparatus having an electronic circuit and a unit for detecting operational data of the electronic circuit, wherein the operational data of the electronic circuit are used by an algorithm which is executed by the electronic circuit for generating the output data. Therefore, this reference is not pertinent to the present invention.



3) DE 0 654 919 A2 also relates to a method of authentication of a system part by another system part of an information communication system using the challenge response approach.

This reference also does not relate to an inventive device having an electronic circuit and a unit for detecting operational data of the electronic circuit which are influenced by an operation of the electronic circuit when said electronic circuit executes an algorithm, wherein the operational data detection unit is coupled to the electronic circuit such that the operational data of the electronic circuit are used by the algorithm, which is executed by the electronic circuit, for generating output data.

To summarize, this reference discloses a time diversity method in which the same information is transmitted at two time instances. Therefore, this reference is not pertinent to the present invention.

Respectfully submitted,

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**Complete if Known**

Application Number	09/787,065
Filing Date	03-12-01
First Named Inventor	OELMAIER et al.
Group Art Unit	
Examiner Name	

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Sheet

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of

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Attorney Docket Number

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**Examiner  
Signature**

Date  
Considered

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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